Title (en)

APPARATUS AND METHOD FOR TESTING A PAVEMENT SPECIMEN

Title (de)

VORRICHTUNG UND VERFAHREN ZUR PRÜFUNG EINES ASPHALTPRÜFLINGS

Title (fr)

APPAREIL ET PROCÉDÉ DE TEST D'UN ÉCHANTILLON DE CHAUSSÉE

Publication

EP 3479095 A4 20200304 (EN)

Application

EP 17820611 A 20170628

Priority

- NZ 72176516 A 20160630
- NZ 2017050088 W 20170628

Abstract (en)

[origin: WO2018004360A1] A rut testing apparatus (200, 300, 400) for testing the susceptibility of a pavement specimen (201, 301, 401) to rutting has a specimen holder (203, 303, 403) for supporting the specimen to be tested, a wheel (202), and a sensor (230, 231, 330, 430, 433). The specimen holder (203, 303, 403) is arranged to support the specimen (201, 301, 401) from below and to support two opposite ends of the specimen. The specimen holder (203, 303, 403) is arranged to allow the specimen (201, 301, 401) to deform in a lateral direction LD that is transverse to a direction that extends between the opposite ends. The wheel (202) is arranged to move along a part of the specimen (201, 301, 401) in the direction that extends between the opposite ends. The sensor (230, 231, 330, 430, 433) determines deformation of the specimen (201, 301, 401) in the lateral direction LD.

IPC 8 full level

G01N 33/42 (2006.01); G01N 3/56 (2006.01); G01N 19/00 (2006.01)

CPC (source: EP US)

G01N 3/34 (2013.01 - EP US); **G01N 3/56** (2013.01 - EP US); **G01N 19/00** (2013.01 - EP US); **G01N 33/42** (2013.01 - EP); E01C 7/14 (2013.01 - US); G01N 33/42 (2013.01 - US); Y02A 30/30 (2017.12 - EP)

Citation (search report)

- [A] JP H10185908 A 19980714 - NIKKEN KK
- [A] CN 201402236 Y 20100210 - UNIV SOUTH CHINA TECH
- [A] US 2015292989 A1 20151015 - REGIMAND ALI [US], et al
- See references of WO 2018004360A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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